

CLAIMS:

1. In a fluid coupling having an impeller with an impeller casing and a runner, said impeller and runner having facing cavities, said impeller being driven by a diesel engine, the improvement comprising radial holes through the perimeter of said impeller or impeller casing, replaceable orifice plugs mounted in said holes for selectively regulating the amount of oil passing through said holes, a reservoir into which the bulk of circuit oil from said cavities escaping through said holes drains, a trough into which a relatively small amount of circuit oil passes from said holes, and a temperature responsive control in said trough, said temperature responsive control being operatively connected to a diverter valve, responding to an over-temperature condition to cause said diverter valve to divert circuit oil from the said cavities to said reservoir.

2. The improvement of claim 1 wherein the temperature sensor is a thermocouple.